

## IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. *(Currently Amended)* A magnetic actuator for adjusting a force on a load, comprising:

a first actuating part including a first magnetic element and a second magnetic element;

a second actuating part including a third magnetic element; and

a displacing element attached to said first and second magnetic elements, said displacing element configured to relatively displace said first and second magnetic elements relative to each other,

wherein said first actuating part and said second actuating part are constructed and arranged to generate a magnetic force between said both actuating parts in a first direction with a load being attached to one of said first and second actuating parts.

2. *(Original)* The magnetic actuator according to Claim 1, wherein said displacing element comprises a piezoelectric element.

3. *(Original)* The magnetic actuator according to Claim 2, wherein said first, second, and third magnetic elements comprise non-magnetizable materials.

4. *(Original)* The magnetic actuator according Claim 2, wherein said first magnetic element and said second magnetic element are arranged adjacent to each other in the first direction and being separated by a first gap and said displacing element arranged to displace said first magnetic element relative to said second magnetic element in the first direction to generate the adjustment force in the first direction upon a change of the magnetic interaction between said first actuating part and said second actuating part.

5. (Original) The magnetic actuator according Claim 4, wherein said displacing element is located in said first gap.

6. (Original) The magnetic actuator according Claim 4, wherein said first magnetic element and said second magnetic element comprise a cavity extending in the first direction, and said displacing element is located inside the cavity of said first magnetic element and inside the cavity of said second magnetic element, said displacing element coupled with said first magnetic element and with said second magnetic element, and having a working length substantially equal to the length of said first and second magnetic elements and the distance of said first gap.

7. (Original) The magnetic actuator according to Claim 6, wherein said first, second, and third magnetic elements comprise non-magnetizable materials.

8. – 14. (Withdrawn).

15. (Original) A support system to support a load, comprising:  
a first actuating part including a first magnetic element and a second magnetic element;  
a second actuating part including a third magnetic element; and  
a displacing element attached to said first and second magnetic elements, said displacing element configured to relatively ~~relatively~~ displace said first and second magnetic elements relative to each other,  
wherein said first actuating part and said second actuating part are constructed and arranged to generate a magnetic force between said both actuating parts in a first direction with a load being attached to one of said first and second actuating parts.

16. (Original) The support system according to Claim 15, wherein said displacing element comprises a piezoelectric element.

17.     *(Original)*     The support system according to Claim 16, wherein said first, second, and third magnetic elements comprise non-magnetizable materials.

18.     *(Original)*     The support system according to Claim 16, wherein said first magnetic element and said second magnetic element are arranged adjacent to each other in the first direction and being separated by a first gap and said displacing element arranged to displace said first magnetic element relative to said second magnetic element in the first direction to generate the adjustment force in the first direction upon a change of the magnetic interaction between said first actuating part and said second actuating part.

19.     *(Original)*     The support system according Claim 18, wherein said displacing element is located in said first gap.

20.     *(Original)*     The support system according to Claim 18, wherein said first magnetic element and said second magnetic element comprise a cavity extending in the first direction, and said displacing element is located inside the cavity of said first magnetic element and inside the cavity of said second magnetic element, said displacing element coupled with said first magnetic element and with said second magnetic element, and having a working length substantially equal to the length of said first and second magnetic elements and the distance of said first gap.

21. – 46.     *(Withdrawn).*